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Dated: December 18, 2009

Electronic Signature for Amy Hagan: /Amy Hagan/

Docket No.: 0002802.00174US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Martin W. Rupich et al. Confirmation No.: 6546  
Application No.: 10/758,710 Art Unit: 1793  
Filed: January 16, 2004 Examiner: P. A. Wartalowicz  
Title: OXIDE FILMS WITH NANODOT FLUX PINNING CENTERS

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

Dear Madam:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated August 18, 2009, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.